



LevelOne Gigabit Ethernet over VDSL2

Brand : LevelOne

Product code: VDS-2201

Product name : Gigabit Ethernet over VDSL2



Gigabit Ethernet over VDSL2

LevelOne Gigabit Ethernet over VDSL2:

VDS-2201 is an Industrial Ultra-Speed VDSL2 Extender that supports VDSL2 profile 35b/30a/17a with a remarkable aggregated bandwidth of over 300Mbps. It delivers fiber optic-like speeds on existing copper infrastructure, enabling a good alternative in the place where fiber is not economical to deploy. VDS-2201 is equipped with a Gigabit Ethernet port (RJ45 connector) and one VDSL2 port (RJ45 connector) in the metal enclosure for easy installation in a hardened environment. The symmetric configuration can be applied as a long-reach Ethernet connection up to 3,000 meters, while an Asymmetric configuration can be used for other services like video streaming or IP surveillance services which require high traffic flow in a uni-direction configuration



Network		Operational conditions	
Maximum data transfer rate *	1000 Mbit/s	Operating temperature (T-T)	-20 - 65 °C
Networking standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z	Storage temperature (T-T)	-40 - 75 °C
Ethernet interface type	Fast Ethernet, Gigabit Ethernet	Operating relative humidity (H-H)	10 - 90%
Ethernet LAN data rates	10,100,1000 Mbit/s	Storage relative humidity (H-H)	0 - 95%
Performance		Packaging data	
Maximum transfer distance *	3000 m	Package width	143 mm
Features		Package depth	132 mm
Internal *	✗	Package height	92 mm
Plug and Play	✓	Package weight	350 g
LED indicators	✓	Package type	Box
Product colour	Black	Certificates	
Housing material	Metal	Compliance certificates	CE, UKCA
Ports & interfaces		Logistics data	
Connectivity technology	Wired	Country of origin	Taiwan
Ethernet LAN (RJ-45) ports	1	Pallet gross length	100 cm
RJ-11 ports quantity	1	Pallet gross width	120 cm
Terminal block included	✓	Pallet gross height	149 cm
Power		Customs product code (TARIC)	8517620000
Output voltage	12 - 24 V	Harmonized System (HS) code	8517620000
Power consumption (typical)	4.5 W	Master (outer) case width	434 mm
Power over Ethernet (PoE)	✓	Master (outer) case length	307 mm
Weight & dimensions		Master (outer) case height	482 mm
Width	94.5 mm	Master (outer) case gross weight	11.7 kg
Depth	72.5 mm	Products per master (outer) case	30 pc(s)
Height	23 mm		
Weight	220 g		



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